FORSH, T.B.

Hydrochemical characteristics of ponds along the upper course of the Buzuluk River. Trudy Lab. ozeroved. 9:42-93 '60.

(MIRA 13:8)

(Buzuluk Valley (Stalingrad Province)--Farm ponds)

FORSH, T.B.

Hydrochemical characteristics of lakes in northern Kazakhstan
in connection with their limnology. Trudy Lab.ozeroved. 15:
75-117 '63.   (MIRA 16:3)

(Kazakhstan--Lakes)

FORSH-MENSHUTKINA, T. B.

The lakes and limans (lagoons) of the Taman peninsula.
T. B. Forsh-Menshutkina. Trudy Lab. Ozerovedeniya,
Akad. Nauk S.S.S.R. 2, 68-92(1953).—The chem. analyses
(Ca, Mg, Na, K, HCO₃, SO₄, Cl, O) and pH of water of
several lakes and limans of the Taman peninsula are given.
The conditions in most of the lakes and limans are favorable
for the formation of org. material, of interest in the forma-
tion of petroleum.   R. Dowbenko
   Some important characteristics of the waters which flow
in the vicinity of Lacco Ameno and its surrounding slope of
Epomeo (Island of Ischia). Bruno Visintin (Ist. super.
sanità, Rome). Rend. ist. super sanità 17, 165-73(1954).—
Hydrological investigation and chem. analysis of the hot
and cold waters flowing out in the vicinity of Lacco Ameno.
(Island of Ischia) are presented.   R. M. M.

FORSH-MENSHUTKINA, T.B.

Hydrochemical characteristics of ponds of the upper course of the
Buzuluk River; summary of the report. Trudy Lab. ozeroved. 7:134 '58.
(MIRA 11:10)

1.Laboratoriya ozerovedeniya AN SSSR.
              (Buzuluk Valley--Farm ponds)

USSR / Diseases of Farm Animals. Diseases Caused by Protozoa.   R

Abs Jour   : Ref Zhur - Biol., No. 22, 1958, No 101359

Authors   : Abramov, I. V.; Bakhtov, S. C.; Forshkov, D. S.; Krasnogo-
             rov, G. A.; Petrovskiy, V. V.
Inst   : Not given
Title   : The Practice of Treating Bulls Afflicted with Trichomoniasis.

Orig Pub   : Veterinariya, 1958, No 2, 35-40.

Abstract   : Bulls were treated with intramuscular injections (12 injec-
             tions) of bioquinol with local irrigations of the preputial
             sac and with iodine-anaesthesin followed by airing and mas-
             sage. These treatments were ineffective. Single intrave-
             nous injections of suranin sodium (0.045 g/kg) in a 10 per-
             cent dilution of a physiological solution and local appli-
             cations of tar and cod-liver oil, as well as of novarsenol
             combined with iodine-anaesthesin also produced negative re-
             sults.

Card 1/1

FORSHT

CZECHOSLOVAKIA / Physical Chemistry. Radiochemistry.   B
                 Isotopes.

Abs Jour: Ref Zhur-Khimiya, No 21, 1958, 69983.

Author : Forsht,
Inst   : Not given.
Title   : The Determination of Heavy Water in the Pres-
          ence of Ordinary Water.

Orig Pub: Ceskosl. casop. fys., 1957, 7, No 6, 740 - 744.

Abstract: The determination was carried out by means of a
          Zeiss' interferrometer in a concentration range
          from 2-50% of D_2O. When long cuvettes are em-
          ployed low concentrations may be determined
          with an accuracy sufficient for control analy-
          sis in D_2O production.

Card 1/1   5

CHULKOVA, O.N.; FORSHTADT, R. A.

Tonns of the vesical sphincter in ontogenesis. Tr. Vsesoius. obsh. fiziol. no. 1:95 1952.   (CLML 24:1)

1. Delivered 6 January 1949, Chkalov.

FORSHTADT, R.A.; CHULKOVA, O.N.

Neuro-humoral regulation of the vesical sphincter in ontogenesis.
Tr. Vsesoiuz. ovsh. fiziol. no. 1:95-96 1952.   (CLML 24:1)

1. Delivered 6 January 1949, Chkalov.

FORSHTADT, R.A.

Effect of various forms of conditioned inhibition and dis-
ruption of higher nervous activity on the reflex excitabili-
ty of the respiratory center. Trudy Oren. otd. Vses. fiziol.
ob-va no.2:147-156'60.   (MIRA 16:8)

1. Kafedra normal'noy fiziologii (zav. - prof. G.A. Vaksleyger)
Orenburgskogo meditsinskogo instituta.
          (RESPIRATION)   (CONDITIONED RESPONSE)

ZISLIN, B.D. (Sverdlovsk, ul. Griboyedova, 20, kv.9); FORSHTADT, V.M.; LYSKOV,
    P.G.; TURBINA, N.V.

Control of cardiac rhythm in pulmonary and pleural surgery. Vest. khir.
92 no.3:15-19 Mr '64.   (MIRA 17:12)

1. Iz otdeleniya legochnoy khirurgii (rukovoditel' - kand. med. nauk
M.L.Shulutko) Sverdlovskogo gorodskogo protivotuberkuleznogo dispan-
sera (glavnyy vrach - Ye.S.Gubina) i Instituta gigiyeny truda i pro-
fessional'noy patologii (dir. V.A.Mikhaylov).

STOLBUN, B.M.; FORSHTADT, V.M.

Radio recording of the rate of pulse wave spreading in a freely
moving person. Biul.eksp.biol.i med. 58 no.10:116-119 O '64.
                                            (MIRA 18:12)

1. Laboratoriya funktsional'noy diagnostiki (rukovodi*-l' -
kand. ~d.nauk V.V.Rozenblat) klinicheskogo otdela (rukovoditel' -
doktor med.nauk D.M.Zislin) Sverdlovskogo instituta gigiyeny
truda i professional'noy patologii (dir. - kand. biologicheskikh
nauk V.A.Mikhaylov). Submitted July 4, 1963.

L 12017-65   EWG(j)/EWT(d)/FSS-2/EWG(r)/EEC(k)-2/EWG(a)/EWG(c)   Po-4/Pq-4/Pg-4/
Pk-4/Pl-4/Pb-4   ASD(d)/SSD/AFWL/ASD(a)-5/AMD/AFETR/AFTCB/ESD(c)/ESD(dp)
ACCESSION NR: AP4047237   S/0219/64/058/010/0116/0119

AUTHOR: Stolbun, B. M.; Forshtadt, V. M.

TITLE: Radio recording of pulse wave propagation time in man during free movement B

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 58, no. 10, 1964, 116-119

TOPIC TAGS: cardiac pulse wave, pulse wave propagation, transistorized recording device, electrocardiography, plethysmography, medical equipment, physical activity, data transmission

ABSTRACT: A transistorized device weighing 250 g has been developed to monitor cardiac pulse wave propagation data from a person engaged in work or sport to an investigator located within 100 meters outdoors or 50 meters indoors. Cardiac biocurrents and photoelectric plethysmograms of the finger are recorded at the same time to determine pulse wave propagation time from the heart to the finger

Card 1/3

L 12017-65
ACCESSION NR: AP4047237

tips. The device consists of an RST-1 type radiosphygmochronograph with sensors, amplifiers, a multivibrator, radio transmitter, power pack, and suction-type electrodes to record cardiac waves and a photosensor comprised of a FSK-2N-type semiconductor photoresistor and a miniature light to record vascular changes in the finger tip. The investigator used a receiver-recorder device consisting of a receiver, decoder, and an ink recording EKPSCh electrocardiograph. In calculating the time that a pulse wave propagates from the aorta to the finger tips, a correction of minus .12 seconds was introduced to deduct the time (.10 sec) from the start of the QRS waves of the EKG to the semilunar valves, and for the time lag (.02 sec) of the plethysmogram compared to the main artery sphygmogram. Pulse wave propagation time was investigated in subjects engaged in work, sports, or rest. No uniform time changes were found for subjects at rest, but physical activities produced distinct shifts characterized by a decrease in pulse wave propagation time. The shifts for physical activity corresponded to pulse frequency changes, but restoration time for both indices varied considerably, depending on the type of physical strain. Orig. art. has: 2 figures and 1 table.
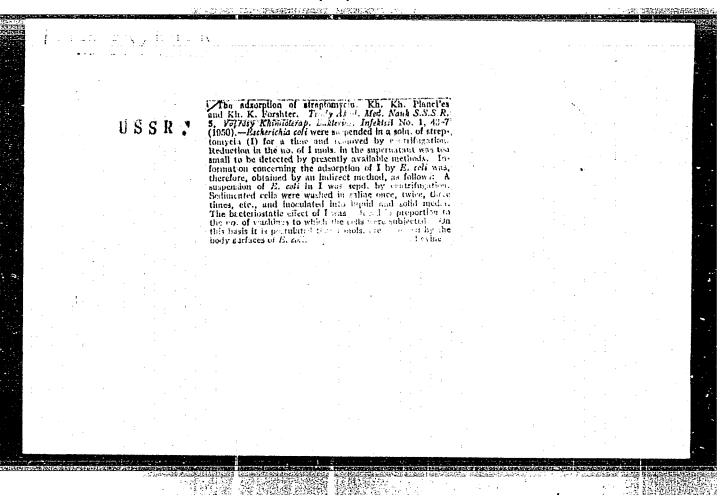
Card 2/3

L 12017-65
ACCESSION NR: AP4047237

ASSOCIATION: Laboratoriya funktsional'noy diagnostiki klinicheskogo
otdela Sverdlovskogo instituta gigiyeny* truda i profpatologii
(Functional Diagnostic Laboratory of the Clinical Department of the
Sverdlovsk Institute of Labor Health and Occupational Pathology)

SUBMITTED: 04Jul63   ATD PRESS: 3120   ENCL: 00
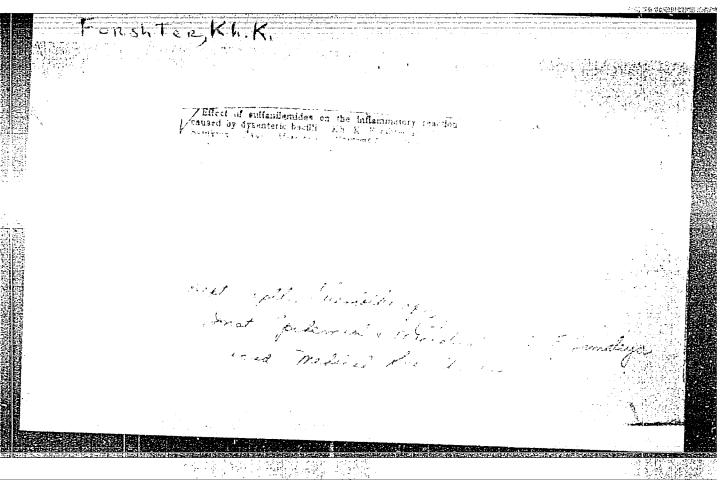
SUB CODE: LS, EC   NO REF SOV: 003   OTHER: 000

Card 3/3

USSR.

The adsorption of streptomycin. Kh. Kh. Planel'es and Kh. K. Forshter. *Trudy Akad. Med. Nauk S.S.S.R.* 5, *Voprosy Khimioterap. Bakterial. Infektsii* No. 1, 43-7 (1950).—*Escherichia coli* were suspended in a soln. of streptomycin (I) for a time and removed by centrifugation. Reduction in the no. of I mols. in the supernatant was too small to be detected by presently available methods. Information concerning the adsorption of I by *E. coli* was, therefore, obtained by an indirect method, as follows: A suspension of *E. coli* in I was sepd. by centrifugation. Sedimented cells were washed in saline once, twice, three times, etc., and inoculated into liquid and solid media. The bacteriostatic effect of I was inversely proportion to the no. of washings to which the cells were subjected. On this basis it is postulated that I mols. are adsorbed by the body surfaces of *E. coli*.

FORSHTER, Kh. K.

USSR/Medicine - Typhoid   Dec 53

"The Chemotherapeutic Action of Synthomycin (I) on Experimental Infections Produced by Bacteria of the Typhoid-Paratyphoid Group," Kh. K. Forshter, Inst of Epidemiol and Microbiol im N. F. Gamaleya, Acad Med Sci USSR

Zhur Mikro Epid i Immun, No 12, p 58

I exerts a chemotherapeutic effect in expts on mice infected with typhoid or Breslau bacilli. In typhoid it inhibits development of the primary infection focus, acting like aureomycin. Although in the Breslau infection I does not interfere with development

274T50.

of the primary infection focus even when applied early or for a long time (10 days), it prevents further spread of the infection.

Forshter, Kh.K.

/ Effect of sulfanilamides on the inflammatory reaction caused by dysenteric bacilli   Kh. K. Forshter

GINDIN, A.P.; FORSHTER, Kh.K.

Pathogenesis of atypical forms of infectious processes following antibiotic therapy; experiments with Breslau infections in mice. Zhur.mikrobiol.epid.i immun. no.5:73-76 My '55.   (MIRA 8:7)

1. Iz otdela infektsionnoy patologii i eksperimental'noy terapii (zav.-prof. Kh.Kh.Planel'yes) i patogistologicheskoy laboratorii (zav.-prof. A.P.Gindin) Instituta epidemiologii i mikrobiologii imeni N.F.Gamalei AMN SSSR (dir.-prof. O.V.Vygodchikov).
        (SALMONELLA INFECTIONS, experimental,
            breslau, eff. of chlorotetracycline)
        (CHLORTETRACYCLINE, effects,
            on exper. Salmonella breslau infect.)

FORSHTER, F.K.

Mechanism of formation of antibodies by lymphocytes. Zhur.
microbiol. epid. i immun. no.11:100-106 N '55.(MLRA 9:1)

1. Iz Instituta epidemiologii i mikrobiologii imeni akademika
N.F.Gamalei AMN SSSR (dir.-prof. G.V.Vygodchikov)
        (LYMPHOCYTES,
            antibody form.)
        (ANTIGENS AND ANTIBODIES,
            antibody form. by lymphocytes)

FORSHTER, Kh. K.

"Concerning the Problem of the Mechanism of Forming Antibodies From Lymphoidic Cells." Proceedings of Inst. Epidem and Microbiol im. Gomoloya 1954-56.

Laboratory of Microbiology, Timakov, V. D., professor, Active Member, Academy of Medical Sciences USSR, head. Inst. Epidem and Microbiol. im. Gamaleya AMS USSR.

SO: Sum 1186, 11 Jan 57.

FORSHTER, Kh. K., and GINDIN, A. P.

"Concerning the Pathogenesis of Atypical Forms of Infectious Processes Arising After Treatment With Antibiotics." Proceeding of Inst. Epidem and Microbiol im. Gamaleya 1954-56.

Laboratory of Microbiology, Timakov, V. D., professor, Active Member, Academy of Medical Sciences USSR, head, Inst. Epidem and Microbiol im. Gamaleya AMS USSR

SO: Sum 1186, 11 Jan 57

USSR / General Problems of Pathology, Pathological   U-3
            Physiology of Infectious Processes.

Abs Jour   : Ref Zhur - Biol., No 17, 1958, No 80271

Author   : Forshter, Kh. K.
Inst   : Not given
Title   : Influence of Cortisone on the Development of Phagocytosis
              During a Typhoid Injection in Mice.

Orig Pub   : Zh. mikrobiol, epidemiol. i immunobiologii, 1957, No 4,
              139-146

Abstract   : Mice were innoculated intracutaneously with a culture of typhoid
              bacteria (500 million microbes) and, in the course of 3-10
              days, 50-500 γ of cortisone (I) were introduced. I promoted
              the depression of the formation of agglutinins, depression of
              hyperplasia of the reticular and lymphoid cells of the
              lymphatic organs observed in the coltrol animals, and a
              slowing of the elimination of microbes from the organisms.

Card 1/2

FORSHTER, Zh.Kh.

Virulence of drug-resistant strains of staphylococci isolated
from infected patients [with summary in English]. Antibiotiki
3 no.6:95-99 N-D '58.   (MIRA 12:2)

1. Otdel infektsionnoy patologii i eksperimental'noy terapii (zav. -
chlen-korrespondent AMN SSSR prof. Zh.Zh. Planel'yes) Instituta epi-
demiologii i mikrobiologii imeni N.F. Gamalei AMN SSSR.
          (MICROCOCCUS PYOGENES, eff. of drugs on,
               antibiotics, virulence of resist. strains (Rus))
          (ANTIBIOTICS, eff.
               on Micrococcus pyogenes, virulence of resist.
               strains (Rus))

FORSHTER, Kh.K.

Chemotherapeutic effect of mycerin in experimental staphylococcal infection. Antibiotiki 4 no.1:116-117 Ja-F '59.

(MIRA 12:5)

1. Otdel infektsionnoy patologii i eksperimental'noy terapii (zav. - chlen-korrespondent AMN SSSR prof. Kh.Kh. Planel'yes) Instituta epidemiologii i mikrobiologii AMN SSSR imeni N.F. Gamalei.

(ANTIBIOTICS, effects,
mycerin, on exper. micrococcal infect. (Rus))
(MICROCOCCAL INFECTION, exper.
eff. of mycerin (Rus))

FORSHTER, Kh.K.

Effect of cortisone on the inflammatory reaction induced by enteric bacteria. Zhur.mikrobiol.epid. i immun. 30 no.2:82-85 F '59.
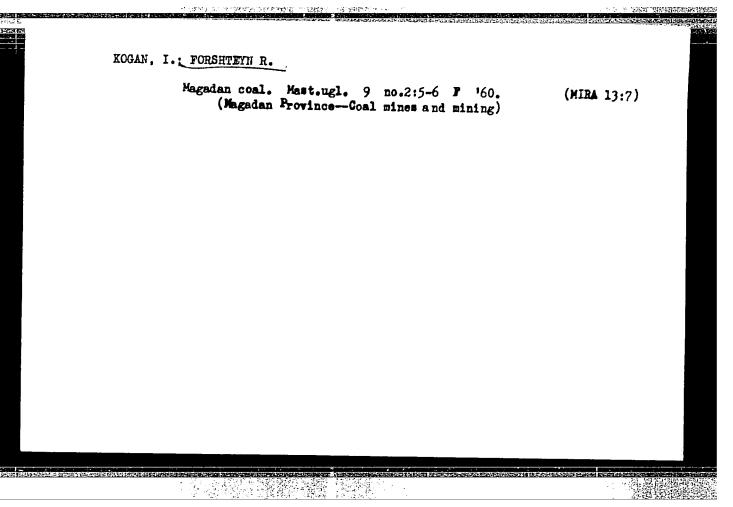
(MIRA 12:3)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.

(CORTISONE, effects,
        on exper. Enterobacteriaceae inflamm. (Rus))
(INFLAMMATION, exper.
        eff. of cortisone on inflamm. induced by enteric
        group of bact. (Rus))

KOGAN, I.; FORSHTEYN R.

Magadan coal. Mast.ugl. 9 no.2:5-6 F '60.   (MIRA 13:7)
(Magadan Province--Coal mines and mining)

VOZNESENSKIY, V.; MARTYNOV, V.; NAZARENKO, V.; TSIRKEL', N.;FORSIKOV,O.,
     red.; STEBLYANKO, T., tekhn. red.

[Heroic work on the "Temizhbekskii" State Farm]Podvig v "Temizh-
bekskom." Stavropol', Stavropol'skoe knizhnoe izd-vo, 1962. 65 p.
                                    (MIRA 15:11)
                (State farms)

S/136/60/000/08/001/008
E193/E183

AUTHORS: Fors'lom, G.V., Arakelyan, O.I., Kuznetsova, Ye.I.,
             and Goldelenok, Ye.G.

TITLE: Investigation of the Structure of Titanium Sponge

PERIODICAL: Tsvetnyye metally, 1960, No 8, pp 50-51

TEXT: Microscopic examination of samples of titanium sponge,
taken from various parts of a batch produced by the chloride
process, revealed that most diverse forms of crystallization of
titanium are encountered in the central zone of the reaction
chamber, where dendrites of various sizes, platelike crystals of
hexagonal habit, agglomerates of columnar crystals, and single
crystals of irregular shape, are formed. These results,
correlated with the data on the reaction conditions, indicate that
the mode of crystallization of titanium depends on temperature and
the concentration (rate of feed) of titanium tetrachloride.
Thus, slow rates of reaction are favourable for the formation of
large, well-developed dendrites and for the uniform growth of
crystals. At increased rates of feed of titanium tetrachloride,

Card 1/2

S/136/60/000/08/001/008
E193/E183

Investigation of the Structure of Titanium Sponge

the rate of crystallization increases and the metal crystallizes
in the form of thin dendrites. If the temperature is raised to
1000 oC, and the rate of feed of titanium tetrachloride slowed
down, the sponge obtained in the central zone of the reaction
vessel is granular and contains single crystals. At lower
temperatures, the thickness of dendrites increases with decreasing
specific consumption of tetrachloride. In general, it can be
concluded that structure of titanium sponge depends more on the
rate of feed of titanium tetrachloride than on the reaction
temperature.

There are 4 figures, (photomicrographs).

ASSOCIATION: VAMI

Card 2/2

MATVEYEVA, Rakel; VISKARI, Eyne; FORSMAN, Khal'ga; RANTANEN, Astrid;
    SALMI, Khil'ya; TERVONEN, Lidiya; KIBOLUND, Lempi; KURKI, Mariya;
    LEMPINEN, Khanna; RUKHKANEN, Kyullikki; MANNILA, An'ya; PUTTONEN,
    Katri.

    For the common good. Rabotnitsa 36 no.8:22 Ag '58.   (MIRA 11:9)
                (Russia--Description and travel)

PRAGER, V. [Prager, William]; KHODZ, F.G. [Hodge, Philip Gibson];
TALITSKIKH, N.A. [translator]; FORSMAN, N.A. [translator];
SHAPIRO, G.S., redaktor

[Teory of perfectly plastic solids. Translated from the English]
Teoriia ideal'no-plasticheskikh tel. Perevod s angliiskogo N.A.
Talitskikh. - - - [Theory of plasticity; a survey of recent
achievements. Translated from the English] Teoriia plastichnosti;
obzor sovremennykh issledovanii. Perevod s angliiskogo N.A.Forsman.
Pod redaktsiei G.S.Shapiro. Moskva, Izd-vo inostrannoi lit-ry,
1956. 398 p.   (MLRA 10:9)
          (Plasticity)   (Solids)

RABSIAN, M.A., Cand Tech Sci--(diss) "~~~~~~~ of dissertation on the ~~~~~ *determination of the concentration ~ stress in a stretched* ~~~~~ with a groove and ~~~~~~ ~~~~~~ condition for the scientific degree of Candidate of Tech Sci." Len, 1958. 7 p (Com Inst of Chemistry Machine Building), 150 copies (KL,45-58,130)

-106-

Fcrsman, N A

24-58-3-8/38

AUTHOR: Forsman, N. A. (Moscow)

TITLE: Approximate Determination of the Stress Concentration in a Notched Elastic Bar Under Tension (Priblizhennoye opredele-niye kontsentratsiy napryazheniy v rastyanutom uprugom sterzhne s vytochkoy)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, Nr 3, pp 73-81 (USSR)

ABSTRACT: The problem is solved for the circular and rectangular cross-sections. For the circular cross-section a variation-al method was suggested by V. S. Shapiro ("Certain problems of the deformation of bars of variable cross-section",Prikl. Mat. i Mekh.,1953, Nr 2). The stress concentration is assumed to be moderate when the radius of curvature at the groove bottom is of the same order as the radius of the bar at that point. Under this condition it was possible to retain only the first term of the series used in this method. Two ways of solving the problem are shown, namely, the solution of an ordinary non-homogeneous differential equation of the fourth order in the stress function and the substitution of

Card 1/3

24-53-3-8/38

Approximate Determination of the Stress Concentration in a **Notched**
Elastic Bar Under Tension.

   an exponential function for the stress function. The
coefficients of this exponential function are found from
the condition of minimum potential energy. The second method
is used to work out a numerical example of a bar with a hyper-
bolic groove. In this instance, a comparison can be made
with the exact solution given by Neuber (Table 1, bracketed
values). It is found that, when the radii defined earlier
are equal, the most important axial stress is computed by
the present method with an accuracy of about 10% whilst the
tangential and normal radial stresses, of less importance,
are obtained less accurately. Another artifice is used for
the analysis of stress concentrations in a notched bar of
rectangular cross-section. The method is based on **Neyber**
and on Sadowsky, M., and Sternberg, E.J. ("Three-Dimensional
Solution for the Stress Concentration round a Circular Hole
in a Plate of Arbitrary Thickness", J.Appl.Mech.1949, Nr 1).
The approximate solution of the three-dimensional problem is
obtained by the superposition of three solutions: (1) the
Neyber solution for the two-dimensional problem with a hyper-
bolic notch, (2) correction terms to account for the three-

Card 2/3 dimensional nature of the problem and (3) solution of a

24-58-3-8/38

Approximate Determination of the Stress Concentration in a Notched
Elastic Bar Under Tension.

residual problem introduced by the fact that the correction
terms violate the boundary conditions at the free surface of
the notch. Tests were carried out with rubber samples and
the results of measurements compared with computations by
the methods presented here (Table 4). Agreement within 5%
has been achieved. There are 7 illustrations, 4 tables,
1 English and 3 Soviet references.

SUBMITTED: September 3, 1957.

1. Bars--Tension   2. Stresses--Determination

Card 3/3

AUTHOR: Forsman, N. A. (Moscow)   SOV/24-58-11-9/42

TITLE: On the Stress Concentration in a Stretched Rod of
            Circular Cross Section (O kontsentratsii napryazheniy
            v rastyanutom sterzhne kruglogo secheniya)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh
            Nauk, 1958, Nr 11, pp 25-30 (USSR)

ABSTRACT: In this paper approximate formulae are derived which
            permit studying the elastic stress concentration in a
            stretched specimen of circular cross section, which is
            weakened by a groove of any depth or chamfering. For
            rods with a groove, the calculations are carried right
            through to numerical values and, in the case of deep
            grooving, the obtained results are in close agreement
            with the accurate results obtained by Neuber and for
            grooves of any depth the here derived solution enabled
            justifying the approximate, purely speculative,
            assumption of Neuber. For obtaining the solution, a
            method of "cutting up" is applied, the idea of which
            was first proposed by Weinel (Ref 2) and which was
            improved on by Hetenyi and Liu (Ref 3) who obtained
Card1/3   results for the plane problem which are in good agreement

SOV/24-58-11-9/42
On the Stress Concentration in a Stretched Rod of Circular Cross
Section

with experimental data. The problem of stress
concentration in circular stretched rods was first
investigated by Neuber who gave an accurate solution
for a deep and a shallow recess. An approximate
solution for the case of a small stress concentration
for any recessing depth was arrived at by the author of
this paper (Ref 4) on the basis of the results published
by G. S. Shapiro (Ref 5). An attempt at solving the
problem which is formulated here was made by
Nishihara and Fujii (Ref 6). However, they applied a
very cumbersome method of solution which does not
satisfy the conditions at the side surfaces for the rod
for the normal and tangential stresses and this makes
the value of the obtained results doubtful. The method
of "cutting up" applied in this paper provides a
solution for any value of concentration and it also
permits obtaining a solution for a chamfered rod. For
determining the character of the distribution of τ_{zr}
along the lateral surfaces S-S (see Fig.1) in
Card2/3 cylindrical rods, the accurate formulae of Neuber are

SOV/24-58-11-9/42

On the Stress Concentration in a Stretched Rod of Circular Cross Section

used in the case of deep hyperbola shaped grooves in a body of revolution, whilst in the case of shallow elliptical recesses the data are used which were obtained by Hetenyi (Ref 3) since in the latter case the problem can be reduced to that of the plane problem. By means of the final formulae, Eqs.(5) and (5'), the stress concentration is calculated as a function of the groove depth and the obtained results are graphed in Fig.3. For chamfered rods under tension the final formulae are Eqs.(7) and (7') and the results of calculations for concrete values and various ratios of the smaller radius to the larger radius of the rod are graphed in Fig.5. There are 5 figures and 7 references, 3 of which are Soviet, 3 English, 1 German.

SUBMITTED: May 12, 1958

Card 3/3

GUD'YEV, D.N.[Goodier, James Norman, 1905]; KHODZH, F.G.[Hodge, P.G.,Jr.];
    FORSMAN, N.A.[translator]

    [Elasticity and plasticity] Uprugost' i plastichnost'. Pod red.
    G.S.Shapiro. Moskva, Izd-vo inostr.lit-ry, 1960. 190 p.
    (Translated from the English)   (MIRA 14:11)
        (Elasticity)   (Plasticity)

FORSMAN, N.A. (Moskva)

Elastic-plastic bending of plates.   PMTF no.4:79-80 N-D
'60.   (MIRA 14:7)
                    (Plasticity)
                    (Elastic plates and shells)

FORSMAN, N.A. (Moskva)

Axisymmetric elastoplastic bending of a clamped plate. Izv.AN
SSSR.Otd.tekh.nauk.Mekh. i mashinostr. no.4:150-156 Jl-Ag
'62.   (MIRA 15:8)
                (Elastic plates and shells)

ACCESSION NR: AP4041420   S/0179/64/000/003/0106/0112

AUTHOR: Forsman, N. A.(Moscow)

TITLE: Carrying capacity of cylindrical vessels with a flat head

SOURCE: AN SSSR. Izv. Mekhanika i mashinostroyeniye, no. 3, 1964, 106-112

TOPIC TAGS: cylindrical vessel, reinforced shell, flat cylinder head, round cylinder head, vessel carrying capacity, shell stress pattern, stressed cylindrical shell

ABSTRACT: The article presents calculations analyzing the carrying capacity of vessels consisting of a flat head and several spans of a cylindrical shell separated by rigid circular ribs. Shell and head are presumed to be of one material and of a constant, but not identical, thickness. Conditions at which the carrying capacities of the shell and head are equal were determined and such vessels are designated as "uniformly strong". Mathematical solutions are evolved for short and long shells and previously known solutions for plates are incorporated here for the head segments. Solution of the problem requires a determination of the carrying capacities of plates and shells subject to special stress patterns and calculations were carried out for symmetrically and asymetrically stressed shells. The carrying capacities are analyzed in relation to vessels with various head factors.
Card 1/2

ACCESSION NR: AP4041420

including different shell and head material. Results are plotted on several graphs, the use of which facilitates solution of several related problems. Orig. art. has: 8 graphs and 34 numbered formulas.

ASSOCIATION: none

SUBMITTED: 20Dec63   ENCL: 00

SUB CODE: AS, ME   NO REF SOV: 003   OTHER: 000

Card   2/2

FORST, JAN

CZECH

Changes in blood coagulability in vivo following intravenous injection of thrombokinase and an attempt to block these effects. Zdeněk Dienstbier and Jan Forst (I. klin. chorob vnitřních, Prague). Časopis Lékařů Českých 93, 217-22(1954).—White rats were injected intravenously with a suspension of brain thromboplastin and an 80% mortality was observed, due to thromboembolisms. Prolongation of the clotting time was caused, probably, by a consumption of blood fibrinogen. Application of heparin prior to the injection of thromboplastin prevented death in all cases. The mortality rate was unaffected by dial narcosis or by an application of procaine prior to the thromboplastin injections. When the thromboplastin suspension was prepd. by a direct dilu. of the dry substance in 1% procaine, the mortality rate fell from 80 to 30%. Procaine causes prolongation of prothrombin time even in vitro. I. M. H. ①

FORST, Karel

Pipes from plastics for cold water piping in Czechoslovakia.
Poz stavby 11 no.4:221-222 '63.

1. Vyzkumny ustav stavebni, Gottwaldov.

FORST, T.

The mechanism of wool-dyeing with acid dyes with bad equalization. Mișilim Grindea, Lydia Coman, T. Bucuresciu, Rltta Zeidman, and Tania Forst. Bul. inst. politehn. Iasi 3, 121-34(1957).—The electrovalent bonds between dyes and fibers in the case of acid dyeing of wool are accompanied by Van der Waals bonds in case of bad equalization, as can be shown by the formation of rings during neutral dyeing, which hinders the penetration of the dye into the fiber. This ring formation is independent of temp. In acid medium, the rings diffuse into the fiber, probably as a result of labilization of the Van der Waals and H bonds between dye and fiber. Neutral dyeing after acidification gives more stable dye products, without ring formation. M. B.H.

AW

COUNTRY   :   Rumania
CATEGORY   :   H-34

ABS. JOUR.   :   RZKhim., No. 21   1959, No.   77063

AUTHOR   :   Criudea, M., Zeidman, R., and Forst, T.
             :   not given
TITLE   :   New Advances in the Theory of the Acid Dyeing
                 of Wool

ORIG. PUB.   :   II-a Consf Tehn-Stiint a Ind Usoare Textile
                 (Bucuresti), ASIT, 1957, 278-284
ABSTRACT   :   A review paper (mechanism of the absorption of
                 acid dyes by wool; chemical, hydrogen, and
                 van der Waals bonding and the formation of such
                 bonds during the dyeing of wool in acid and in
                 neutral medium; fastness of the colors obtained;
                 supershrinkage of dyed wool). The bibliography
                 lists 12 titles.

                                          G. Markus

CARD: 1/1

GRINDEA, M., prof. ing.; FORST, T., ing.

Raw wool washing. Ind text Rum 13 no.9:372-377 S '62.

1. Institutul politehnic, Iasi.

GRINDEA, M., prof. ing.; VAIU, F., lector; ZEIDMAN, R., sef lucrari;
FORST, T., asistent; IFRIM, S., asistent

Some aspects of finishing woolen materials. Ind text Rum 12
no.1:16-21 Ja '61.

1. Institutul Politehnic, Iasi, Catedra de tehnologie chimica
textila.

FORST, V.

Experimental tractor for operation on slopes.

p. 3 of cover (Zemedelske Stroje) Vol 2, no 2, Feb. 1957 Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, -Vol. 7, No. 1, Jan. 1958

NOVAK, Vlastimil; FORST, Vlastimil

Oscillopolarographic and polarographic determination of some acids in polyesters. Chem zvesti 14 no.10:541-546 O '64.

1. Research Institute of Synthetic Resins and Lacquers, Pardubice.

KORDIK, Evzen; DUNDR, Vladimir; FORST, Zdenek; KLOFEC, Miroslav; MICEK,
Frantisek; ROCEK, Otto

Physical and chemical principles of the production of carbonate type
combined fertilizer. Chem prum 12 no.12:641-645 D '62.

1. Vyzkumny ustav anorganicke chemie, Usti nad Labem.

FORST, Zdenek, ins.

> Measuring time curves of temperature at several points of the synchronous motor massive pole shoe during asynchronous starting. El tech obzor 52 no.3:127-132 Mr '63.

1. Statni vyzkumny ustav silnoproude elektrotechniky, Brchovice.

R/016/62/007/006/001/001
A065/A126

AUTHOR: Förste, J.

TITLE: Stationary expansion of the laminary jet of a viscous, incompres-
             sible fluid from a circular opening into a half-space, at a small
             Reynolds number

PERIODICAL: Académie de la République Populaire Roumaine, Revue de Méchanique
             Appliquée, v. 7, no. 6, 1099 - 1106·

TEXT: Let be $r \geqslant 0$, $\rho \geqslant 0$ the cylindrical coordinates in a half-space
$x \geqslant 0$, v_r the component of velocity of the flow in r direction; v_x x direction;
p the pressure, and Re the Reynolds number, then the following boundary-value
problems of the flow in the $x > 0$ half-space can be deduced:

$$L_{-1}^2 \, \psi = 0 \text{ for } x > 0, \; r \geqslant 0 \quad \quad (10)$$

$$\left.\frac{\partial \psi}{\partial r}\right|_{r=0} = rf_1(r), \; \left.\frac{\partial \psi}{\partial x}\right|_{x=0} = - rf_2(r) \quad \quad (11)$$

Card 1/2

$$\lim_{\rho \to \infty} \frac{1}{r}\frac{\partial \psi}{\partial r} = 0, \; \lim_{\rho \to \infty} \frac{1}{r}\frac{\partial \psi}{\partial x} = 0 \quad \quad (12)$$

The author then reduces the boundary value problems (10) and (11) of the 4th order to two boundary value problems of the 2nd order, and deduces, by using two lemmas, the relations for $\psi_0(x, r)$ and $\psi_1(x, r)$:

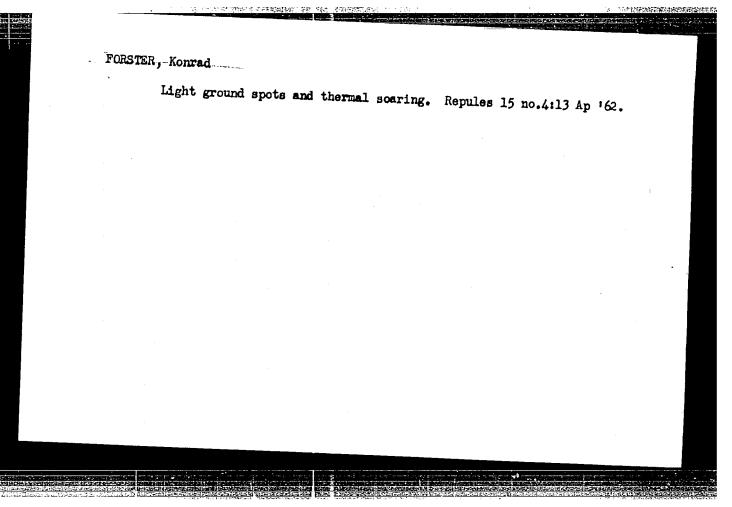$$\psi_0 = \int_{x_0, r_0}^{x, r} \left[\left(-r \frac{\partial \psi_0}{\partial r} \right) dx + \left(r \frac{\partial \psi_0}{\partial x} \right) dr \right], \quad \begin{array}{l} x, x_0 > 0 \\ r, r_0 \geq 0 \end{array} \tag{27}$$

$$\psi_1(x, r) = \frac{x}{4\pi} \int_0^\infty \int_0^\pi \frac{f_3(t) \cdot t \cdot dt \, d\alpha}{[x^2 + r^2 + t^2 - 2rt \cdot \cos \alpha]3/2} \tag{28}$$

Thus the functions ψ_0 and ψ_1 are determined and permit of determining v_x, v_r and p. The problem is theoretically solved. Dealing then with the infinite boundary values, the author also proves that the conditions (12) are fulfilled. He finally proves the following theorem based on R. Finn, W. Noll (Arch. Rat. Mech. and Anal.; 1957/58, 1, 97 - 106): "The equations of Stokes have maximally one solution in H, which assumes on plane S the boundary value U_j, and disappears in infinity". There is 1 figure.

ASSOCIATION: Institut für Angewandte Mathematik und Mechanik der Deutschen Aka- demie der Wissenschaften zu Berlin (Institute of Applied Mathematics and Mechanics of the German Academy of Sciences, Berlin)

Card 2/2

FORSTER, Konrad

     Light ground spots and thermal soaring. Repules 15 no.4:13 Ap '62.

A

L 4533-66 EWA(j)/EWA(b)-2 JK

ACCESSION NR: AP5023707

AUTHOR: Carvas, J. (Doctor of veterinary medicine, Candidate of sciences)(Brno);
Zrunek, A. (Doctor of veterinary medicine); Forster, M. (Doctor of medicine)(Hodonin);
Matousek, Z. (Doctor of veterinary medicine)(Gottwaldov)

CZ/0077/65/000/009/0390/0394

TITLE: Some information on the epizootology of hog cholera, Aujeszky's disease, and listeriosis in the Hodonin District

SOURCE: Veterinarstvi, no. 9, 1965, 390-394

TOPIC TAGS: animal disease, disease incidence, virus disease, infective disease

ABSTRACT: A timely and correct diagnosis still remains a problem in the dangerous viral diseases of swine, particularly in cases of hog cholera and Aujeszky's disease. The present report describes an atypical case of hog cholera, in the course of which several persons, who had been in contact with the infected animals, became ill as well. On the basis of a detailed investigation into the causes of infection in man, it was possible to conclude that the atypical course of hog cholera was caused by simultaneously occurring listeriosis. This conclusion is supported by the location of a natural focus of listeriosis among the wild rabbits and hares of the stricken district. In view of the occurrence of the above atypical epidemic of hog cholera, the following ought to be kept in mind: in

Card 1/2

L 4533-66

ACCESSION NR: AP5023707

addition to the typical symptoms of convulsions and uncoordinated walking of the swine, there were additional symptoms of unusual lifting of the forelegs, aggressive behavior of the sows, opisthotonus, and swimming motions while lying on their sides. Thus, any disease characterized by disturbances of the central nervous system, and others which have been diagnosed as infectious paralyses of swine, should always be investigated for the presence of listeriosis. Likewise, in cases of abortion, listeriosis should be suspected more frequently. For prophylaxis, in affected districts, lapinized vaccine can be used without fear of complications among all animals. Orig. art. has: 4 figures.

ASSOCIATION: none

SUBMITTED: 00   ENCL: 00   SUB CODE: LS

NO REF. SOV: 000   OTHER: 009

Card 2/2

FORSTER, P.

Role and investigation of water and moisture in the electrotechnical and telecommunicative use of insulating materials. p. 92 (Electrotechnika, Budapest, Vol. 48, no. 3, Mar, 1955)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

FORSTER, R

CN

PROCESSES AND PROPERTIES INDEX

The humin substances of the brown coals. Rezső Förster. *Sóshisérleti Közlemények* 2, 76 NU; *Chem. Zentr.* 1930, II, 956.—The known methods for the examn. and detn. of the humin substances are reviewed. Expts. with Hungarian brown coals showed that boiling 5% NaOH is the most effective solvent for humin substances. The yield is increased when the ext. contg. the humic acid is greatly dild. before the coal is filtered off. It was observed that the NaOH soln. also dissolves "bitumen A." About 1/5 of the brown coal of Sajóvölgy (Hungary) can be brought into soln. by fusing the coal with solid NaOH.

G. Schwoch

A S B - S L A METALLURGICAL LITERATURE CLASSIFICATION

FORSTER, R
CA

PROCESSES AND PROPERTIES INDEX

Protection from carbon monoxide. Rezso Forster.
Technika (Budapest) 25, 234-6(1944); *Chem. Zentr.*
1944, II, 1100.—A review concerned with filtering devices,
gas masks, etc.   M. G. Moore

METALLURGICAL LITERATURE CLASSIFICATION

FORSTER, S

The influence of ergotamine upon the thermal regulation in the organism S. Forster. *Mol. Doświadczalni* [unclear] 19, 152 [unclear]. Expts. carried out on rats, pigeons, guinea pigs and rabbits included studies on the influence of ergotamine (I) on (1) induced exptl. hyperthermia, (2) gaseous exchange, (3) N metabolism, (4) blood sugar and (5) the circulation in the peripheral vessels. The hyperthermia was induced by drugs acting centrally such as cocaine, atropine, bacterial injections, a tetrahydronaphthalamine and the peripherally acting a dinitronaphthol (II) and thyroxine (III). I lowers markedly, in the rat and pigeon, the fever caused by cocaine, atropine and II [unclear] injections and to a slight degree or not at all the fever produced by the peripheral agents. On the rabbit, the expts. showed no clear-cut lowering of the temp. and in certain cases rises in the temp. were observed. Gas-exchange expts. on rabbits and pigeons involved the prepn. of the animal under urethan anesthesia for use in the Krogh app. Another device was used when the rat was the test object: the animal was placed in a glass jar provided with 2 stopcocks one of which was attached to an O₂ collector and the other to a Marey tambour. In the base of this jar was placed concd. NaOH to absorb CO₂. I depresses gaseous exchange by markedly inhibiting O₂ consumption in the rat, pigeon and rabbit. The increased gaseous exchange after administration of III and II was lowered by I; the greatest inhibition was noticed in the animals treated with III. The diminution of gaseous exchange in these 2 latter cases was not as great as with the animals not treated with II and III. I decreases urine and fecal N output of the rabbit on the first and second days after administration of I. After I the blood sugar (detd. by Hagedorn-Jensen method) of: (1) the rabbit is lowered slightly for 2 hrs., (2) the guinea pig increases slightly after 2 hrs., and (3) the pigeon is lowered slightly for 1 hr. I causes a mild constriction of the ear vessels of the rabbit after a preliminary transient dilatation.   C. T. Ichniewski

FORSTER, S.

"New welded constructions of light metals." Tr. from the German.
Varilna Tehnika, Ljubljana, Vol 1, No 3, 1952, p. 36

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

FORSTER, S.

Welding problems for constructers and practitioners. Tr, from the German, p. 65

VARILNA TEHNIKA, Ljublijana, Vol 3, No. 3, 1954

SO: EEAL, Vol 5, No. 7, July, 1956

FORSTER, T.; FARAGO, Gy.

Design content for lighting soccer stadiums and the field of the People's Stadium. p.29.
Beginning of work in the Martonvasar Agrometeorologic Observatory. p.32.
Automatization of the manufacturing of motorcycles. p. (3) of cover.
MUSZAKI ELET. (Muszaki es Termeszettudomanyos Egyesuletek Szovetsege). Budapest.
Vol 11, no. 2, Jan 1956.

SOURCE: Vol 5, no. 7, July 1956.

FORSTER, T.

Problems of heat insulation and ventilation. p. 126. Vol. 4, No. 3, 1955.
MAGYAR EPITOIPAR. Budapest, Hungary.

SOURCE. East European List, (EEAL) Library of Congress Vol. 6, No. 1
January 1956.

COUNTRY	: HUNGARY
CATEGORY	: Chemical Technology. Chemical Products and Their Applications. Safety and Sanitation
ABS. JOUR.	: RZKhim., No. 23 1959, No. 82769
AUTHOR	: Forster, T.
INST.	: -
TITLE	: Individual Air Conditioning Units "Miniklima"
ORIG. PUB.	: Epuletgeneszet, 1958, 7, No 5-6, 248-261
ABSTRACT	: Description of air conditioning system and equipment for individual quarters.

                         -- D. Pyushneki.

CARD: 1/1

H - 32

FORSTER, T.

The new in Polish dwelling constructions. p.118.

VILLAMOSSAG. Budapest, Hungary. Vol. 7, no. 4, Apr. 1959.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

FORSTER, T.

"N ew features in the building mechanics of the Soviet Union." p. 198

MAGYAR EPITOIPAR (Epitoipari Tudomanyos Egyesulet) Budapest, Hungary,
Vol. 8, No. 3, Mar. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

FORSTER, Tamas

From practice to practice. Epuletgepeszet 8 no.2:95
'59.

1. "Epuletgepeszet" szerkeszto bizottsagi tagja.

FORSTER, Tamas

     Air heating and radiating air heating of school buildings.
     Epuletgepeszet 8 no.2:95-96   '59.

    1.   "Epuletgepeszet" szerkeszto bizottsagi tagja.

FORSTER, Tamas

"Utilization of solar energy for heating, cooling, evaporation
and drying." Reviewed by Tamas Forster. Epuletgepeszet 9
no.3:104 '60.

1. "Epuletgepeszet" szerkeszto bizottsagi tagja.

FORSTER, Vaclav; MALINAKOVA, Helena

Considerations on a method for the determination of phenols in urine by means of a dibromoquinone chloroimide. Pracovni lek. 13 no.2:82-83 Mr '61.

1. Interni oddeleni KUNZ v Karlovych Varech, primar MUDr. J. Havranek Ustredni biochemicke laboratore KUNZ v Karlovych Varech, prednosta RNDr. H. Malinakova.
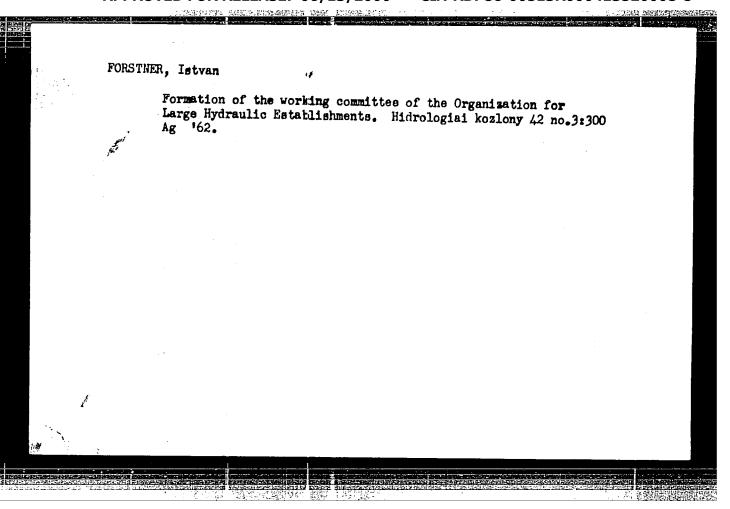
(PHENOLS urine)

BOL'SHAKOV, I., TURIYANSKIY, A., FORSTMAN, N.

Factories - Accounting

Planning and accounting of the cost of average and current repair. Bukhg. uchet. No. 3, 1953.

9. **Monthly List of Russian Accessions**, Library of Congress, June 1953. Unclassified.

FORSTNER, Istvan

Formation of the working committee of the Organization for
Large Hydraulic Establishments. Hidrologiai kozlony 42 no.3:300
Ag '62.

FORSTHEK, I.

"The locks of Tiszalok."   p. 428.   (Termeszet es Technika, Vol. 112, no. 7, July 1953, Budapest)

SO: Monthly List of East European Accessions, Vol 3 No 2 Library of Congress Feb 54 Uncl

CZECHOSLOVAKIA / Physical Chemistry. Crystals.   B-5

Abs Jour: Ref Zhur-Khimiya, No 8, 1959, 26286.

Author : Fort, A.
Inst   : Not given.
Title   : The Characteristics of Scintillation [Luminescent]
          Substances. II.

Orig Pub: Pokroky Mat, Fys, a Astronom, 3, No 2, 161-173
          (1957) (in Czech).

Abstract: A survey with a bibliography listing 29 titles.
          -- Ya Satunskiy.

Card 1/1

11

Methods of Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 26823

Author : Fort Ales
Inst   : Not Given
Title   : Cherenkov Counters

Orig Pub : Pokroky mat., fys. a astron., 1957, 3, No 2, 173-180

Abstract : No abstract

Card   : 1/1

CZECHOSLOVAKIA/Nuclear Physics - Instruments and Installations   C-2
           Methods of Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 3, 1959, No 5051

Author   : Fort Ales
Inst   : Karlovy University, Prague, Czechoslovakia
Title   : Determination of the Content of Heavy Water in a Mixture of
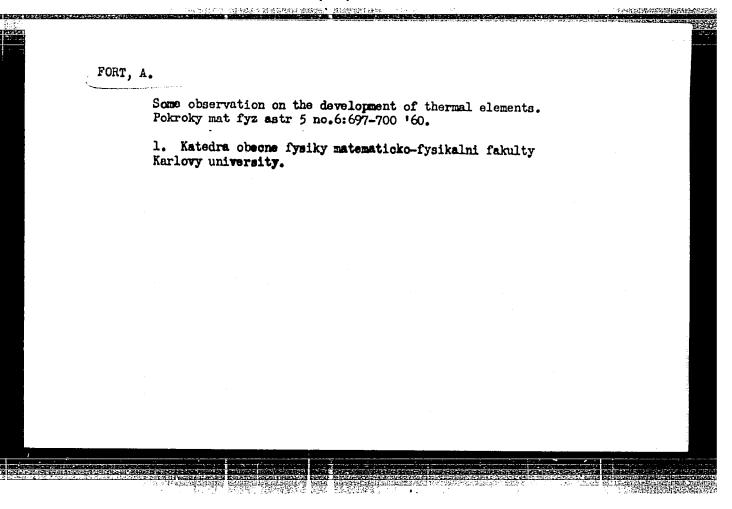   Heavy and Normal Water

Orig Pub : Ceskosl. casop. fys., 1957, 7, No 6, 740-744

Abstract : The author describes an interference method for determining
            the content of heavy water in a mixture of heavy and nor-
            mal water. This method can be applied to the control of
            the manufacture of heavy water. Author's resume.

Card   : 1/1

FORT, A.

Some observation on the development of thermal elements.
Pokroky mat fyz astr 5 no.6:697-700 '60.

1. Katedra obecne fysiky matematicko-fysikalni fakulty
Karlovy university.

FORT, B.

Tests made with the new automatic brake DAKO.

p. 71 (Zeleznicni Technika. Vol. 5, no. 3, Mar. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2, February 1958

FORT, B.

International specifications for railway pneumatic brakes.

P. 183 (Zeleznicni Technika) Vol. 5, No. 7, July 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

FORT, B.

The DAKO railway automatic pressure brake. p. 219. (Strojirenstvi, Vol. 7,
No. 3, Mar 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

FORT, B.

DAKO compressed air automatic railway brake. p. 27. (CZECHOSLOVAK
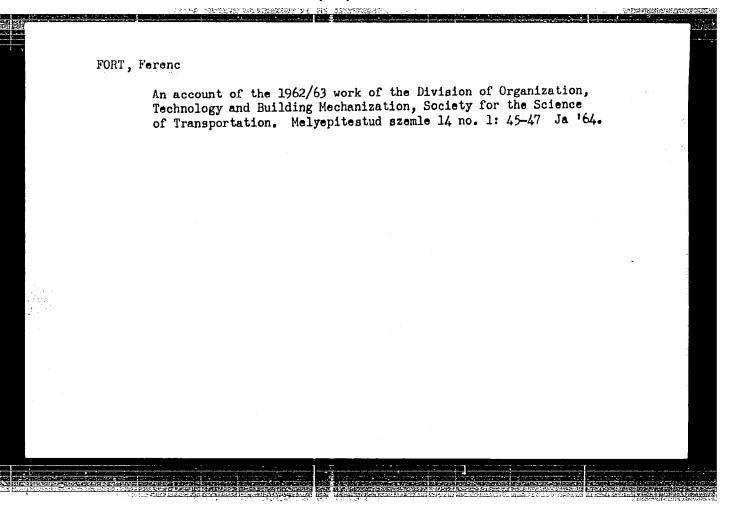HEAVY INDUSTRY, No. 7/8, 1957, Prague, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

FORT, F.

Problems of planning organisation of work.

p. 387
Vol. 5, no. 9, Sept. 1955
MELYEPITESTUDO:'ANYI SZEMLE
BUDAPEST

SO: Monthly List of East European Accessions, (EEAL), LC, VOL. 5, no. 2
Feb. 1956

FORT, Ferenc

    An account of the 1962/63 work of the Division of Organization,
Technology and Building Mechanization, Society for the Science
of Transportation. Melyepitestud szemle 14 no. 1: 45-47 Ja '64.

3

LANDAU, J.; PROCHAZKA, J.; VACLAVEK, V.; FORT, I.   CSSR

Institute of Chemical Technology, Prague, and Institute of Chemical
Process Fundamentals, Czechoslovak Academy of Sciences, Prague
(for all)

"Studies of Mixing. XIV. Homogenation of Miscible Liquids in the
Viscous Region"

(4)

DANEK, Jiri, inz.; FORT, Josef, inz.

International standardization of the Gerber method. Prum potravin 14 no.5:269-270 My '63.

1. Statni inspekce jakosti vyrobku potravinarskeho prumyslu, Praha (for Danek). 2. Ustredni kontrolni a zkusebni ustav zemedelsky, Praha (for Fort).

FORT, J.

"Diesel engine driven locomotives and railcars."

p. 29 (Czechoslovak Heavy Industry) No. ⁸, 195⁶
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
     April 1958

FORT, J.

Electric mine locomotives. p. 17.   (CZECHOSLOVAK HEAVY INDUSTRY, No. 7/8, 1957, Prague, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

FORT, J.; VOJTECH, J.

"Modern four-axle tramcar."

p. 32 (Czechoslovakia Heavy Industry) No. 12, 1957
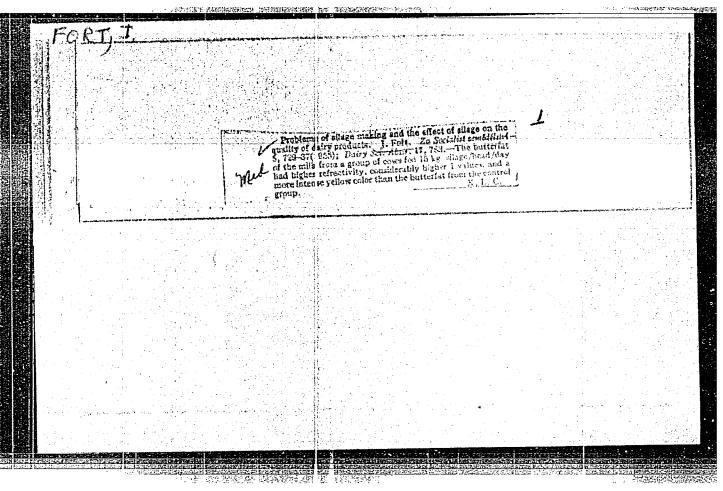Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no.4,
    April 1958

FORT, J.

Comparing the transmission of electric and hydraulic power in Diesel electric
traction. p.191.
(Elektrotechnik, Vol. 12, No. 6, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

FORT, I.

Problem of silage making and the effect of silage on the quality of dairy products. I. Folt. Za Socialist zemědělství 5, 729-37(1955); Dairy Sci. Abstr. 17, 784.—The butterfat of the milk from a group of cows fed 15 kg silage/head/day had higher refractivity, considerably higher I values, and a more intense yellow color than the butterfat from the control group.   X. L. C.

FORT, J.

International survey on sugar.

P. 213.   (LISTY CUKROVARNICKE) (Praha, Czechoslovakia) Vol. 73, no. 9, Sept. 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

CZECHOSLOVAKIA / Chemical Technology. Carbohydrates   H-26
                   and Their Processing.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79231.

Author : Fort, J.
Inst   : Not given.
Title   : The World Sugar Industry.

Orig Pub: Listy cukrovarn. 1958, 74, No 4, 79-80.

Abstract: Data is given on world sugar trade and prices
          and statistical information on beet and cane
          sugar production from 1937 to 1938 and from
          1953 to 1958 in respect to individual countries.

Card 1/1

Country   : Czechoslovakia   9-25

Category   :

Abs. Jour. :   40333

Author   : Fort, J.
Institut.   : Not given
Title   : Present State of World Sugar Production

Orig Pub.   : Listy Cukrovarn, 74, No 6, 128; No 5, 173-174 (1959)

Abstract   : The author presents data on world sugar production
               for April, 1958, and on the area planted to sugar
               beet in 1956, 1957, and 1958 in the various countries
               of Europe. Information on sugar prices, estimated
               exports and imports of some countries, and on the
               state of sugar cane plantations in the Hawaiian
               Islands is included.

Card: 1/1

                                                                    H

COUNTRY   : CZECHOSLOVAKIA
CATEGORY   : Chemical Technology, Chemical Products and Their
               Applications. Carbohydrates and Their Processing.

ABS. JOUR.   : RZhKhim., No 17, 1959, No. 62436

AUTHOR   : Fort, J.
INSTITUTE   : -
TITLE   : Condition of the World Sugar Industry.

ORIG. PUB.   : Listy cukrovarn., 1958, 74, No 7, 153-154
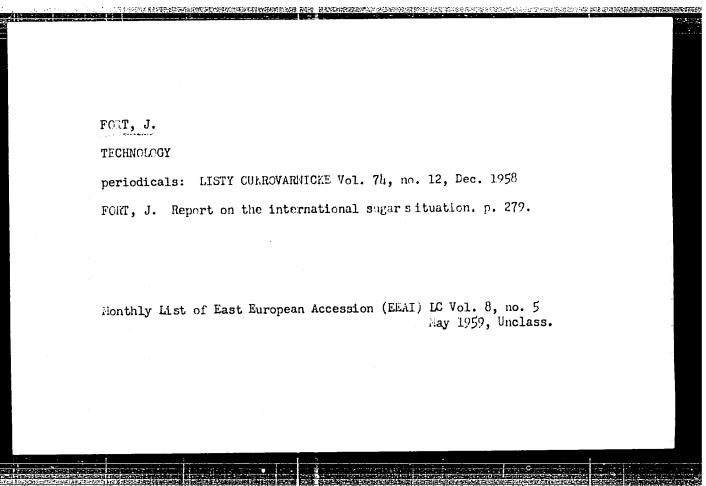
ABSTRACT   : Figures on production of sugar in certain parts
               of the world, covering 1956/57 and 1957/58.
                                      --Ye. Shnayder.

Card: 1/1

FORT, J.

TECHNOLOGY

periodicals: LISTY CUKROVARNICKE Vol. 74, no. 12, Dec. 1958

FORT, J. Report on the international sugar situation. p. 279.

Monthly List of East European Accession (EEAI) LC Vol. 8, no. 5
                                                May 1959, Unclass.

FORT, Josef, inz. (Praha); STEPKA, Petr

Notes on economical use of the milk fat. Prum potravin 13 no.5:239-243 My '62.

1. Jihoceske mlekarny, n.p., Tabor.

FORT, Josef, inz.

Note on determining the dry matter content in milk.
Prum potravin 14 no.2:91-94 F '63.

1. Ustredni kontrolni a zkusebni ustav zemedelsky, Praha.

BREZINA, Vladimir, inz.; FORT, Josef, inz.; DANEK, Jiri, inz.

Some shortcomings of the Czechoslovak butyrometer Standards;
and remarks on the article. Prum potravin 14 no.6:306-316 Je '63.

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